



TS-983XU-RP-E2124-8G

CPU	Intel® Xeon® E-2124 quad-core 3.3 GHz processor (burst up to 4.3 GHz)
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	8 GB UDIMM DDR4 ECC (2 x 4GB)
Maximum Memory	64 GB (4 x 16 GB)
Memory Slot	4 x Long-DIMM DDR4
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	4 x 3.5-inch + 5 x 2.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives 2.5-inch bays: 2.5-inch SATA solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	2
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC port
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 3 x16
USB 3.2 Gen 2 (10Gbps) Port	2 x Type-C USB 3.2 Gen 2 5V/3A 10Gbps 4 x Type-A USB 3.2 Gen 1 5V/1A 5Gbps
Form Factor	1U Rackmount

LED Indicators	HDD 1-4, SSD 1-5, Status, LAN
Buttons	Power, Reset
Dimensions (HxWxD)	43.3 × 482.6 × 507.54 mm
Weight (Net)	8.63 kg
Operating temperature	0 - 40 °C (32°F - 104°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	300W(x2), 100-240V
Power Consumption: Operating Mode, Typical	84.74 W
Fan	System fan: 3 x 40mm, 12VDC
Sound Level	43.3 db(A)
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS)	700

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications. Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Designs and specifications are subject to change without notice.